CATE* SUBMIT IN TRA

Form approved. Budget Bureau No. 1004-0136

(November 1983)	UNITED STATES (Other Institutions on reverse side)				e)	Expires August 31, 1985		
(formerly 9-331C)	DEPARTMENT	OF THE IN	ITERIC	R			5. LEASE DESIGNATION A	ND BERIAL NO.
	BUREAU OF L						NOG 8505-108	7
				OR PI	LIG RA	CK	6. IF INDIAN, ALLOTTER	DE TRIBE NAME
APPLICATION	FOR PERMIT TO	J DRILL, D	EEFEIN	<u>, OK 11</u>	<u> </u>	-	OLAVAN	
1a. TYPE OF WORK	LL 🛚	DEEPEN []	PLU	JG BACI	(7. UNIT AGREEMENT NA	MB
D. TYPE OF WELL OIL 67 GA	s (***)		SINGI	TE X	MULTIPLE ZONE	· 🗆	8. FARM OR LEASE NAM	
WELL WI	ELL OTHER		ZUNE				NAVAJO TRIBA	AL A
2. NAME OF OPERATOR			KON			,	9. WELL NO.	
CHUSKA E	NERGY COMPANY						21-26	
3. Address of operator P.O. BOX	2118 FARM	NGTON, N.M		8 799 C	EIVE	D_	10. EIELD AND POOL, OF ANETH	WILDCAT
	eport location clearly and	n accordance with	II any Stat	ie redarreme	. ,		11. SEC., T., R., M., OR B	LK.
790'	FNL & 1890' FWL			1111	1 0 1985	.	AND SURVEY OR AR	ra .
At proposed prod. zon	e			JUL	1 0 1303		26-41S-24E	
	SAME						12. COUNTY OR PARISH	13. STATE
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POST		DIVISI	un uf (DIL	San Juan	UTAH
			18 NO 6	OF ACRES IN	NIVIIN &	G7. NO.	OF ACRES ASSIGNED	<u> </u>
15. DISTANCE FROM PROPE LOCATION TO NEARES! PROPERTY OR LEASE I	T LINE PT			5420	./	10 1	40	
(Also to nearest dri	POSED LOCATION* ORILLING, COMPLETED,		1	5800 A	will	ı	TARY	
OR APPLIED FOR, ON THE			<u> </u>	- pp	N	<u> </u>	22. APPROX. DATE WO	RK WILL START*
21. ELEVATIONS (Show with	letter Dr. Rr. dr.	4757' GR					August 15.	_1985
23.	P	ROPOSED CASI	NG AND	CEMENTIN	G PROGRA	M	·	
	SIZE OF CASING	WEIGHT PER F	T00	SETTING	DEPTH	1	QUANTITY OF CEME	NT
SIZE OF HOLE		54.5		80				
17 1/2	13 3/8	24.0		1400			SEE ATTACHED	. ·
12 1/4 7 7/8	8 5/8 5 1/2	15.50		5800				
, ,,		ı	1					

SEE ATTACHED

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL GAS, AND MINING
DATE: 7/16/85
BY- letter A letter
WELL SPACING: (B)

r program, if any.		
so John alefander	TITLE	VICE PRESDIENT DATE 7/3/85
is tree for Federal or State office use)		
43-037-3/172		APPROVAL DATE

C26_, T.	IL 1890'FWL			•
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		Juna		
18901	790,			
	Sec.			
		26		
				•
ALE—4 INCHES INTO IS IS TO CERTIFY ELD NOTE OF ACTION AND THAT IST OF MY KNOW	Y THAT THE AI TUAL SURVEYS THE SAME A	BOVE PLAT WAS MADE BY ME	UNDER MY SUPE	R-
•	Ful	ither		

June 6

FORMATION INFORMATION AND DRILLING PRACTICES

CHUSKA ENERGY CO.
Navajo Tribal A No. 21-26
790' FNL & 1890' FWL
26-41S-24E
San Juan Co., Utah

Surface Formation: 1.

Bluff Sandstone

Estimated Formation Tops: 2.

Chinle	1364'
Dechelly	25441
Organ Rock	2780'
Hermosa	4490'
Upper Ismay	53341
Desert Creek	54721
T.D.	5800 '

Estimated Depth of Anticipated Oil, Gas Water or Minerals: 3.

54721 Oil

Proposed Casing Program: 4.

ø-80'	13 3/8", 54.5 lb/ft, ST & C J-55 new casing; cement with 120 cubic feet Class "B" + 2% CaCl2 + 1/4 lb celophane flakes per sack.
Ø-1400'	8 5/8", 24 lb/ft, ST & C K-55 new casing; cement with 800 cubic feet 65-35 poz mix + 2% CaCl2. Cement will be brought to surface.
ø-5800 '	5 1/2", 15.5 lb/ft, ST & C K-55 new casing; cement with 450 cubic feet 50-50 poz mix + 2% CaCl2 + 10% salt + 0.8% fluid loss additive. Cement top at 4000'.

Pressure Control Equipment - Blow Out Preventor: 5.

The attached schematic shows the type of blowout preventor to be used while drilling. The unit will be tested to 800 psi prior to drilling from under surface pipe.

6. Drilling Fluids:

DEPTH	TYPE	VIS.	WEIGHT	FLUID LOSS
Ø-1400'	Gel-lime	35-45	9.0	Not controlled
14ØØ'-4ØØØ'	Gel-chem	35-45	9.5	15cc
4ØØØ-58ØØ'	Low solids	45-5ø	1Ø.Ø	9cc

Auxiliary Equipment: 7.

Bit float a.

Stabbing valve to be used in drill pipe when kelly is not connected. b.

Logging - Coring - Testing Program: 8.

Logging - Open Hole:

IES, CNL, FDC 4000' to t.d.

Mud

Testing

possible in Lower Ismay and Desert Creek

Coring

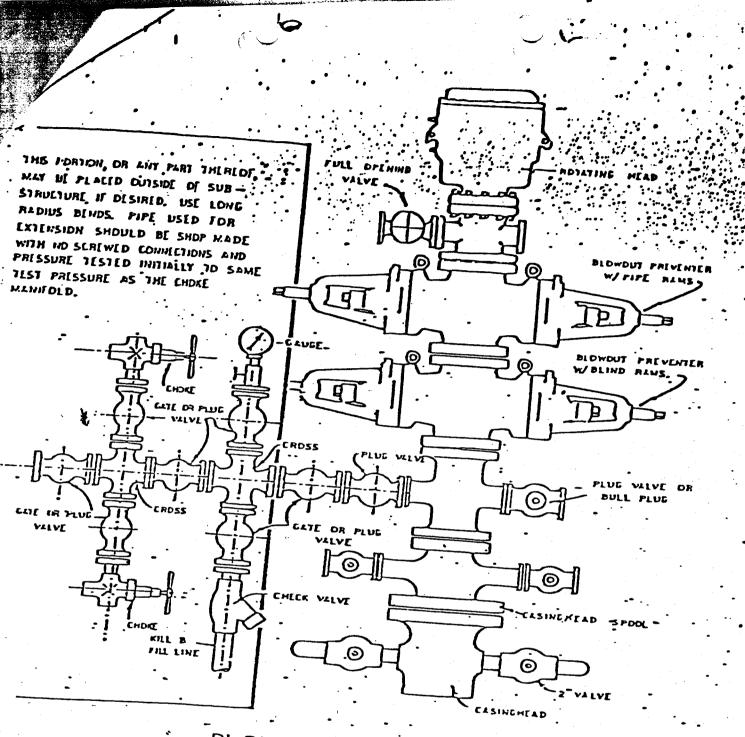
None planned

Abnormal Temperatures, Pressures or Potential Hazards: 9.

None expected

Starting Date: 10.

Anticipated starting date is August 15, 1985. Approximately 5 days will be required to build roads and location. Drilling will take about 15 days. Completion should be accomplished in 6 days.



BLOWOUT PREVENTER HOOKUP

SURFACE PLAN

CHUSKA ENERGY CO.
Navajo Tribal A No. 21-26
790' FNL & 1890' FWL
26-41S-24E
San Juan Co., Utah

1. Existing Roads (shown in green):

The attached topographic map shows all existing roads within one mile of the proposed location. The access road will join a secondary road leading to an existing county dirt road. The county and secondary road will bear normal drilling traffic and not have to be upgraded.

2. Planned Access Road (shown in red):

The new access road will run East from the existing secondary road approximately 3/4 mile to the well site. Maximum grade will be 10%. Water bars will be used to prevent errosion. The new access road will follow an old location road to the wellsite. One large culvent will be needed where the old road crosses a large wash.

Location of Existing Wells:

All existing oil, gas, water, drilling and disposal wells are shown on the attached topographic map.

4. Location of Tank Batteries, Prod. Facilities & Prod. Gathering & Service Lines:

All production facilities are to be contained within the proposed location site. The operation has no other facilities in the area. If productive, a 2 1/2" steel, threaded and coupled, 6000 psi test, gas line will be run along the access and existing roads to a tie-in in NW SE 23-41S-24E. This line will be layed initially on the surface and later buried.

5. Location and Type of Water Supply:

Water will be trucked from the San Juan River, 4 miles north of the location.

6. Source of Construction Materials:

Any gravel or other construction material that can not be obtained from the excess accumulated from building the location will be purchased from the Navajo Tribe.

7. Methods of Handling Waste Disposal:

All trash will be carried to a land fill or burned. All nonburnable materials (drilling fluids, cuttings, chemicals) will be stored in the reserve pit and then buried when they have dried. Any oil produced while drilling will be trucked from the location prior to leaving pit to dry out. Pits will be completely fenced during drying time, then backfilled with dirt prior to preparing the location for production or abandonment.

8. A portable chemical toilet will be supplied for human waste.

- 9. Ancillary Facilities No ancillary facilities are planned.
- 10. Well Site Layout The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.

11. Plans for Restoration of Surface:

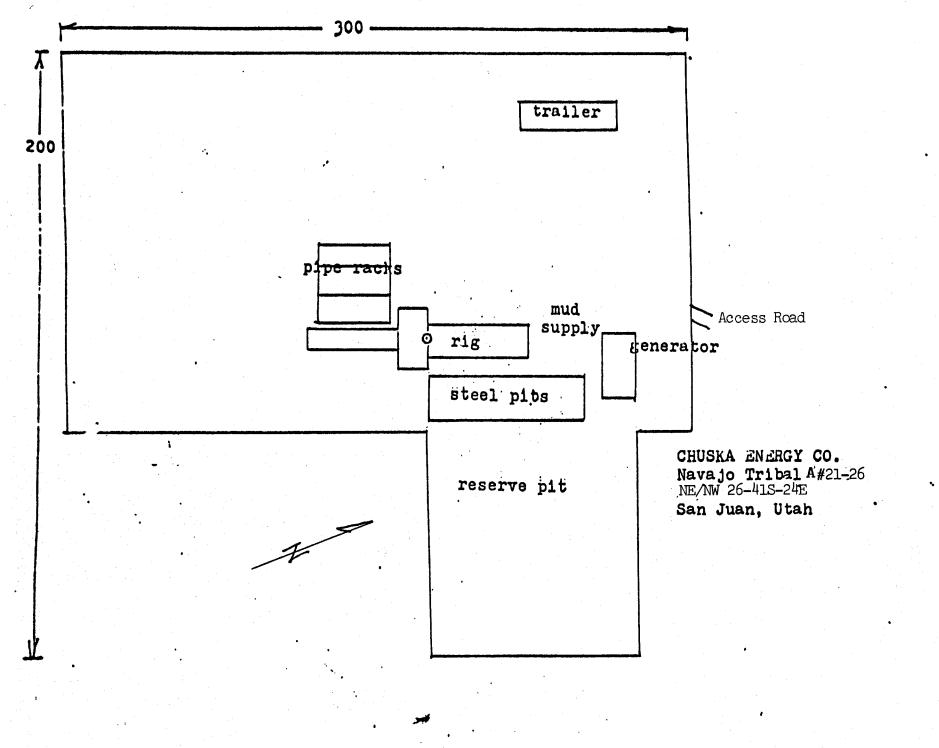
Restoration of the wellsite and access road will begin within 90 days of well completion, weather permitting, and if required by private land owner. Should well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drillsite and road will have any topsoil replaced and will be reseeded when germination of seeds can take place. In either case, cleanup of the site will include burning of any safely burnable material, filling of all pits, carrying away of all nonburnable material and any chemicals that cannot be safely buried, and the hauling off of any oil that may have accumulated on the pits while drilling. A burn permit will be acquired if necessary.

- 12. This location is approximately 4 miles south of the San Juan River. It is located near an old location that was never used. No artifacts were found on the site. There are no residences in the area.
- 13. John Alexander
 Chuska Energy Co.
 P.O. Box 2118
 Farmington, N.M. 87499
 Phone: 505/326-5525

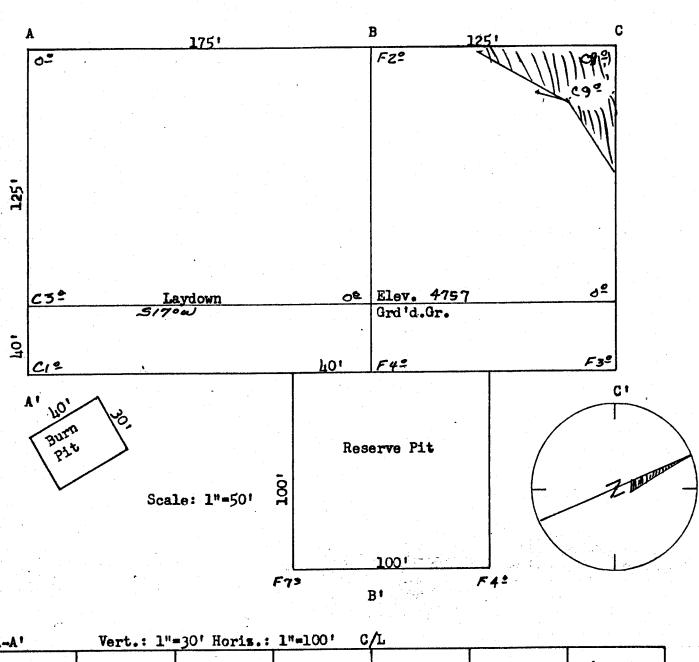
14. I hereby certify that I, or persons under by direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chuska Energy Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

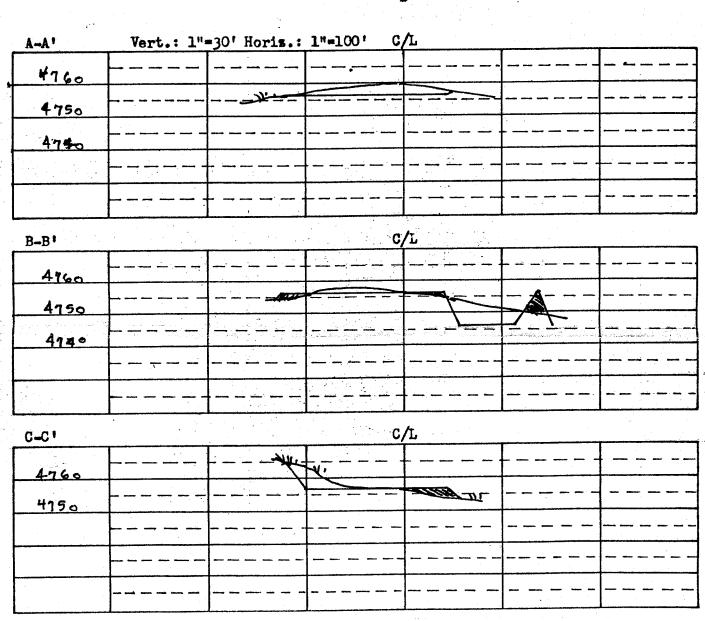
CHN ALEXANDER July 3, 1985

JA/ch



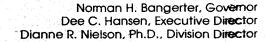
Profile for CHUSKA EN 37 COMPANY #21-26 NAVAJO TRIBAI 790'FNL 10-0'FWL Sec, 26-T41S-R24E SAN JUAN COUNTY, UTAH

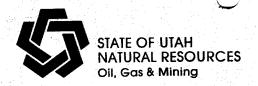




UNITED STATES WHITE MESA VILLAGE QUADRANGLE DEPARTMENT OF THE INTERIOR UTAH GEOLOGICAL SURVEY 15 MINUTE SERIES (TOPOGRAPHIC) 109, 15 Vicinity Map for
CHUSKA ENERGY COMPANY #21-26 NAVAJO TRIBAL A
790'FNL 1890'FWL Sec. 26-T41S-R24E
SAN JUAN COUNTY, UTAH

ODERATOR CAR A 9	C	DATE 2-	15-15
OPERATOR Chuska Energy WELL NAME Navapo Pribal "A	· 21-26	Onth	
SEC NE NW26 T 415	R <u>246</u> COUNT	Y San Juan	
43-037-3117V API NUMBER		TYPE OF LEASE	
CHECK OFF:			,
PLAT	BOND		NEAREST WELL
LEASE	FIELD		POTASH OR OIL SHALE
PROCESSING COMMENTS:	1000		
Mo other well within Med water permit			
	·		
APPROVAL LETTER:	· ;		
SPACING: A-3 UNIT		CAUSE NO.	& DATE
c-3-b		c-3-c	
STIPULATIONS:			
·			





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

E L

July 16, 1985

Chuska Energy Company P. O. Box 2118 Farmington, New Mexico

Gentlemen:

Re: Well No. Navajo Tribal "A" 21-26 - NE NW Sec. 26, T. 41S, R. 24E 790' FNL, 1890' FWL - San Juan County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

 Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

- Spudding notification to the Division within 24 hours after drilling operations commence.
- 2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
- 3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
- 4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2 Chuska Energy Companyt Well No. Navajo Tribal "A" 21-26 July 16, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31172.

Sincerely,

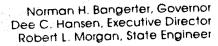
R. J. Firth

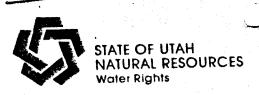
Associate Director, Oil & Gas

as

Enclosures

cc: Branch of Fluid Minerals Bureau of Indian Affairs





1636 West North Temple • Suite 220 • Salt Lake City, UT 84116-3156 • 801-533-6071

July 19, 1985

Chuska Energy Company P.O. Box 2118 Farmington, NM 87499

Dear Applicant:

RE: TEMPORARY APPLICATION NUMBER 09-1430 (T61064)

Enclosed is a copy of approved Temporary Application Number 09-1430 (T61064). This is your authority to construct your works and to divert the water for the uses described.

While this approved application does give you our permission to divert and use water, it does not grant easements through public or private lands in order to gain access to the source nor to convey the water to the place of use, nor does this approval eliminate the need for such other permits as may be required by this Division or any other agency in implementing your diversion.

This application will expire December 31, 1985, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

Your contact with this office, should you need it is with the Area Engineer, Mark Page. The telephone number is (801)637-1303.

Yours truly,

Robert L. Morgan, P.E.

State Engineer

RLM:slm

Encl.: Copy of approved Temporary Application

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH
Flow rate — c.f.s. Cost
0.0 to 0.1\$ 15.00
over 0.1 to 0.5 30.00
OVER VIOLEN AIV
over 1.0 to 15.0
0.451, 10:0
Storage — acre-feet
0 to 20 22.50 over 20 to 500 45.00
over 20 to 500 mm. 45.00 plus \$7.50 for each 500 a.f. above the first
over 7500
(This section is not to be filled in by applicant)
TEMPOSTATE ENGINEER'S ENDORSEMENTS
ENIPOTATION OF MAIL STATE Engineer's office by
1. 1989 Application received over counter in State Engineer's office by
2
3. 7-6-55 Application fee, \$15:00, received by J. Rec. No. 184.54
Application microfilmed by
5 Platted by
6Application examined by
7 Application returned, or corrected by office
7
8
9 Application approved for advertisement by
10
11
Notice published in
12. Proof slips checked by
13Application protested by

Publisher naid by M.E.V. No.
Hearing held by
16. Field examination by approval 17. 7/10/85 Application designated for rejection proofread by slm proofread by
17
10 //19/05 Application copied of photostated by
19. 7/19/85 Application approved
20. Conditions:
This Application is approved, subject to prior rights, as follows:
to completion.
TEMPORARY APPROVAL - DAT TREE
and I have
Robert L. Morgan, P.E State Engineer
21 Time for making Proof of Appropriation extended to
64. ····································
Proof of Appropriation submitted.
23
23 Остиново от тур-

EXPLANATORY

	Applicant owns drilling rights at the proposed
	usage locations.
	Wells included in this application are:
	Navajo Tribal A # 22-34 SE/NW 34-40S-25E
	Navajo Tribal A # 22-32 SE/NW 32-41S-24E
	Navajo Tribal A # 21-26 NE/NW 26-41S-24E
· · · · · · · · · · · · · · · · · · ·	
	·
	(Use page 4 if additional explanatory is needed.)
The qu	antity of water sought to be appropriated is limited to that which
,	can be beneficially used for the purpose herein described
	John Alexander Signature of Applicant
	John Alexander Signature of Applicant
•If applicant is a cor	ather amonigation, signature must be the name of such carneration or organizal
ts proper officer, or in	the name of the partnership by one of the partners, and the names of the other partners at
ower of attorney, auth	orizing one to act for all, should accompany the Application.
	DECLARATION OF CITIZENSHIP
TE OF UTAH,	
	day of, personally appeared before me
On the	of Ilach, the shows applicant who on eath declared that he is a citizen of the United Sta
On thery public for the Stat as declared his intention	e of Utah, the above applicant who, on oath, declared that he is a citizen of the United States to become such a citizen.
On the	day of

7/2/85

PPLICATION

WATER RIGHTS

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be indee on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

. •.	Laws of Utah.
,	Irrigation Domestic Stockwatering Municipal Power Mining Other Uses &
2.	CHUSKA ENERGY COMPANY
3.	P.O. BUX 2110 FARWINGTON, NEW PEACOO OF 175
4.	second-teet and/or second-teet and/or
5.	The water is to be used for drilling oil well from Aug. 1 to Dec. 1 (Month) (Day) (Month) (Day)
	other use period from to (Day)
	other use period
	and stored each year (if stored) from (Month) (Day) (Month) (Day)
6.	The drainage area to which the direct source of supply belongs is San Juan River (Leave Blank)
_	The direct source of supply is* San Juan River (Name of stream or other source)
7.	
	which is tributary to, tributary to, tributary to
irst s pace nav	which is tributary to Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space and the remaining spaces, designate the stream channels to which it is tributary, even though the water giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water giving its name, if named, and in the remaining spaces, designate the stream, a spring, a spring area, or a drain, so indicate in the first space, and in the remaining spaces, designate the stream, a spring, a spring area, or a drain, so indicate in the first space, and in the remaining spaces, designate the stream, a spring area, or a drain, so indicate in the first space, and in the remaining spaces, designate the stream, a spring area, or a drain, so indicate in the first spaces, and in the remaining spaces, designate the stream, a spring area, or a drain, so indicate in the first spaces, and in the remaining spaces, designate the stream, a spring area, or a drain, so indicate in the first spaces, and the spaces, an
	0' FSL & 1500' FWL 32-40S-24E 6' FSL & 1500' FWL 32-40S-24E
	E 150- 511100
t a pliven	Note.—The point of diversion must be located definitely by course and distance or by giving the distances not the distance of six miles of either, or if with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or i
	If water is to be stored, give capacity of reservoir in acceptance in acceptance area inundated in acreslegal subdivision of area inundated If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
	TotalAcres
12.	Is the land owned by the applicant? Yes No X If "No," explain on page 2.
	Is this water to be used supplementally with other water rights? YesNoX
	If application is for power purposes, describe type of plant, size and rated capacity.
	If application is for mining, the water will be used inMining District at the mine, where the following ores are mined
	If application is for stockwatering purposes, number and kind of stock watered
	If application is for domestic purposes, number of persons, or families
18.	If application is for municipal purposes, name of municipality drill oil well
19.	If application is for municipal purposes, name of municipality
20.	Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. 32-41S-24E; 26-41S-24E; 34-40S-25E
21.	The use of water as set forth in this application will consume 6.96 second-feet and/or acrefect of water and second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows:



CHUSKA ENERGY COMPANY

P.O. BOX 2118 • FARMINGTON, N.M. 87499 • PHONE: (505) 326-5525

030712

August 15, 1985

Division of Oil, Gas, and Mining 355 W. North Temple, Ste. 350 Salt Lake City, Utah 84180-1203

RECEIVED

Attention: Ron Firth

AUG 1 9 1985

Re: Transmittal of Water Permits

DIVISION OF OIL GAS & MINING

Gentlemen:

Attached are water permits for Chuska's Well Nos.:

Navajo Tribal A #22-34 √ 34-40S-25E 43-037-3117

43-037-31171 POW ISMY

Navajo Tribal A #22-32

32-41S-24E

43-037-31173 WIW DSCR

Navajo Tribal A #21-26 √ 26-41S-24E

43-037-31172 PA

All in San Juan County, Utah.

Sincerely,

John Alexander

JA/ch

DIVISION OF OIL, GAS AND MINING

SPI	JDDING INFORMA	IION	API	#43-037-3117	2
NAME OF COMPANY: CHUS	KA ENERGY			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
WELL NAME: NAVA	JO TRIBAL A 21	-26			
SECTION NE NW 26 TOWNSHIP 4	isRange	24E	COUNTY	San Juan	
DRILLING CONTRACTOR Aztec	Well Service				
RIG # 301					
SPUDDED: DATE 11-27-85					
TIME 12:00 Noon					
HowRotary					
DRILLING WILL COMMENCE					
REPORTED BY John Alexander					
TELEPHONE $\frac{2!}{r}$ 505-326-5525					
DATE 11-27-85		SIGNED_	Bi11 M	oore	

Form 3160-5 (November 1983) (Formerly 9-331)	DEPARTMENT BUREAU OF	ED STATES OF THE INTE	NT	tlom re	Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985 LEASE DESIGNATION AND SERIAL NO. NOG 8505-1087 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUI (Do not use th	NDRY NOTICES is form for proposals to Use "APPLICATION"	AND REPORTS drill or to deepen or plu FOR PERMIT—" for such	ON WELLS g back to a different resent proposals.)		NAVAJO
1.			·		7. UNIT AGREEMENT NAME
WELL XX WELL 2. NAME OF OPERATOR	OTHER				B. FARM OR LEASE NAME
CHUSKA EN	ERGY COMPANY			:	Navajo Tribal A
3. ADDRESS OF OPERAT	C 2118, FARMI	NGTON. NEW M	EXICO 8749	_	9. WBLL NO. 21-26
4. LOCATION OF WELL	(Report location clearly a	nd in accordance with a	ny State requirements.*	· I_	10. FIELD AND POOL, OR WILDCAT
See also space 17 b At surface		T11.77		·	Aneth
790!	FNL & 1890'	FWL			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
					26 - 41S - 24E
14. PERMIT NO.	15. 9	SLEVATIONS (Show whether			12. COUNTY OR PARISH 13. STATE
		4757' GR			San Juan Utah
16.	Check Appropr	iate Box To Indicate	Nature of Notice, F	Report, or Ot	her Data
	NOTICE OF INTENTION TO):		BUBBEQUE	NT REPORT OF:
TEST WATER SHUT FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL			WATER SHUT-O FRACTURE TREE SHOOTING OR A (Other)	ACIDIZING	EEPAIRING WELL ALTERING CASING ABANDONMENT* f multiple completion on Well
spuces spuces of the second sp	If well is directionally do.).* 1 17 1/2" hol	e with Azteo 15 to 25 to	c Well Servic ft. casing t lb. D-29/Sk.	e Rig #3	cluding estimated date of starting any depths for all markers and zones perti-
				RI	ECEIVED
				Oį	ECEIVED
18. I hereby certify the	the foregoing a true	and correct DER TITLE	Vice-Preside	ent GAS	SION OF OIL 12/01/85
(This space for Fe	ederal or State office use)				
APPROVED BY CONDITIONS OF	APPROVAL, IF ANY:	TITLE			DATE

*See Instructions on Reverse Side

Form 3160-5 (November 1983) (Formerly 9-331) DEPA	UN D STATES RTMENT OF THE INTER	SUBMIT IN TRIP (Other instructions re	5. LEASE DESIGNATION AND SERIAL NO.
	REAU OF LAND MANAGEMEN		NOG 8505-1087
SUNDRY N	OTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Do not use this form for p Use "APP	roposals to drill or to deepen or plug LICATION FOR PERMIT—" for such p	proposals.)	NAVAJO
1. OIL TYN GAB	,		7. UNIT AGREEMENT NAME
WELL XX WELL OTHI	· B		8. PARM OR LEASE NAME
CHUSKA ENERGY C	OMPANY		Navajo Tribal A
3. ADDRESS OF OPERATOR			9. WELL NO.
	FARMINGTON, NEW MEX		21-26
4. LOCATION OF WELL (Report locat See also space 17 below.)	ion clearly and in accordance with any	State requirements.	10. FIELD AND POOL, OR WILDCAT
At surface	10001 EUT		Aneth 11. SEC., T., E., M., OR BLK. AND
790' FNL &	1830 FMT	·	SURVEY OR AREA
			26 - 41S - 24E
14. PERMIT NO.	15. ELEVATIONS (Show whether D	of, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	4757' GR		San Juan Utah
18. Check	Appropriate Box To Indicate I	Nature of Notice Report or	Other Data
	NTENTION TO:		QUENT REPORT OF:
NOTICE OF I		67	<u>ਦ</u>
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	ALTERING CASING
FRACTURE TREAT	MULTIPLE COMPLETE ABANDON*	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ABANDON MENT*
REPAIR WELL	CHANGE PLANS	(Other)	
(Other)		(NOTE: Report result Completion or Recora	ts of multiple completion on Well pletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETE proposed work. If well is d nent to this work.)	O OPERATIONS (Clearly state all pertine rectionally drilled, give subsurface loc	ent details, and give pertinent date ations and measured and true verti	s, including estimated date of starting any cal depths for all markers and zones perti-
1526'. Cemente followed by 354		65-35 poz mix, 6% , 2% CaCl2, 1/2 lb	0 lb./ft. casing to gel, 1/2 lb. D-29/Sk; D-29/Sk. Job arface.
			RECEIVED
	*		DEC 09 10%
			Chron
18. I hereby certify that the forest	llg/s twie and correct		GAS OF UIL
SIGNED (LICHN ALE)	CANDER TITLE	Vice-President	DATE
(This space for Federal or Sta	te office use)		
APPROVED BY	TITLE		DATE
CONDITIONS OF APPROVAL,	IF ANY:		

*See Instructions on Reverse Side

Form 3160-5 (November 1983) (Formerly 9-331)	UNITED STATES PARTMEN_OF THE IN BUREAU OF LAND MANAGE		PL TE* Exp	m approved. liget Bureau No. 1004-013 lires August 31, 1985 DESIGNATION AND SERIAL NO OG 8505-1087	. مسسد
SUNDRY (Do not use this form	NOTICES AND REPOR for proposals to drill or to deepen or "APPLICATION FOR PERMIT—" for	PRIS ON WEGELV plug back to a different reserv such proposals.)	ED 6. IF IND	avajo	
OIL XX GAS WELL	OTHER	DEC 2 0 19	85 7. UNIT	AGEREMENT NAME	_
2. NAME OF OPERATOR Chuska Ene	ergy Company	DIVISION OF	OIL N	or LEASE NAME avajo Tribal A	
3. ADDRESS OF OPERATOR	2118, Farmington, N	ew Mexico 874		no. 1-26	
4. LOCATION OF WELL (Report See also space 17 below.)	location clearly and in accordance with a learn second sec	th any State requirements.*	11. snc.,	o and pool, or wildcat neth T., R., M., OR BLK. AND RYBY OR AREA	_
			2	6 - 41S - 24E	
14. PERMIT NO.	15. BLEVATIONS (Show who	ether DF, RT. GR, etc.)	1	TY OR PARISH 13. STATE an Juan Utah	<u> </u>
16.	heck Appropriate Box To India	cate Nature of Notice, Re	port, or Other Dat	a	
NOTICE	or intention to:	.	SUBSEQUENT REPOR	T OF:	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	PCLL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	WATER SHUT-OFF FRACTURE TREAT SHOOTING OR ACI (Other) (NOTE: Rej	MENT DIZING	ALTERING CASING ABANDONMENT® e completion on Well	
Dril Dual-Indu 5686'. C 10 lb. Ca above a s	led 7 7/8" hole to ction open hole logemented in two stages tage tool at 2824', k. followed by 59 con was full through	5690' t.d. on 1 gs. Ran 5 1/2" ges. First stag t, 0.6% Halad-9 , 850 cu. ft. Ha	2/6/85. Ra 15.50 lb./f e was 347 c . Second s lliburton I	In Density and to u. ft. Class "stage was pumper ight with 1/4 lb. Flocele/Sk	'H", ed 1b.
				·	
18. I hereby certify that the f	oregoing is true and correct Lexander TITLI	vice-Presider	nt DA	тв 12/17/85	
(This space for Federal or	State office use)				
APPROVED BY	VAL, IF ANY:	9	DA	TE	

Form 3160-5 (November 1983) (Formerly 9-331)	DEPARTME	ED STATES OF THE INTE OF LAND MANAGEME		Budget Bureau N Expires August 3 5. LEARE DESIGNATION A NOG 8505-108	31, 1985 ND SHEIAL NO. 37
SUND (Do not use this fo	RY NOTICE THE PROPERTY OF THE	to drill or to deepen or plus on FOR PERMIT—" for suc	ON WELLS ag back to a different reservoir. a proposals.)	Navajo	
OIL X WELL	OTHER				
2. NAME OF OPERATOR			1	8. FARM OR LEASE NAME	
Chuska Ene	rgy Compan	У		Navajo Trib	al A
3. ADDRESS OF OPERATOR			27.00	9. WELL NO.	
P. O. Box	2118, Farm	ington, New Mexic	xo 87499	21-26	WITT DO ASS
4 LOCATION OF WELL (Re) 16 See also space 17 below 17 At surface	port location clea /.)	rly and in accordance with	any State requirements.	Aneth	
790' FNL 8	1890' FWI			11. SEC., T., R., M., OR BI SURVEY OR AREA	.K. AMD
				26 T.42S -	
14. PERMIT NO.		15. ELEVATIONS (Show whether	er DF, RT, GR, etc.)	12. COUNTY OR PARISH	Utah
		4757'		San Juan	ULAII_
16.	Check Appl	ropriate Box To Indicat	e Nature of Notice, Report, or C	Other Data	
NC	TICE OF INTENTION	ON TO:	PERROR	UBNI REPORT OF:	
TEST WATER SHUT-OF		LL OR ALTER CASING	WATER SHUT-OFF	REPAIRING W	ELL
FRACTURE TREAT		LTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA	SING
SHOOT OR ACIDIZE		ANDON*	SHOOTING OR ACIDIZING	ABANDONMEN	7* XX
REPAIR WELL	Сн	ANGE PLANE	(Other)		
(Other)			(Norz: Report results Completion or Recomp	of multiple completion of letion Report and Log for	on Well m.)
proposed work. If nent to this work.) •	well is directions	illy drilled, give subsurface	h 5 1/2" casing by spott	ar deptus for an markers	and fones berg-
plugs as :		oned well diroug	il 5 1/2 cashig by spece		
Set re	tainer at !	5512 '			
5264'-	53 64 '	14 cu. ft.	Upper Ismay		
2502'-	2602 '	14 cu. ft.	DeChelly		
1470'-	1570 '	14 cu. ft.	Surface casing		
Ø'-	50 '	7 cu. ft.	Surface plug		
Dry ho	le markers	installed. Job	complete 1-28-86.		
		•	ACCEPTED BY	THE STATE	
			OF UTAH DI		
			OIL, GAS, A	ND MINING	
* · · ·			7/1/2	3/	
1			DATE:	1	
	0		BY: /Van A	<u>Jaja</u>	
18. I hereby certify that	the loregoya	true and correct			
BIGNED JOHN	M. ///	enter TITLE	Vice-President		3-86
(White annual for Wester	ral or State offici	e time)			

*See Instructions on Reverse Side

EXPRESS MAIL ROUTING SLIP PAM TAMI VICKY CLAUDIA STEPHANE CHARLES RUL A MARY ALICE CONNIE MILLIE

- *

LINI - D STATES

SUBMIT IN DUPLICA

CIVIT) M [_3	
DEPARTMENT	OF	THE	INTER	RIOR
DUDEALLOE	1 4 4 10		FILELIT	

PLIC.	Form approved. Budget Bureau No. 1004-01 Expires August 31, 1985	.37
structions on reverse side)	5. LEASE DESIGNATION AND SERIAL	NO.

	BO	REAU OF LAI	ND MANA	AGEME	NT						5-1087
WELL CO	MPLETION	OR RECO	MPLETI	ON	REPORT	AN	D LO	G *			OTTEE OR TRIBE NAME
1a. TYPE OF WEI		LL X GAS WELL	7						Nav	vajo	
b. TYPE OF COM				RY L	Other						
NEW WELL 2. NAME OF OPERA	OVER L EN	BACK	RES	vr. 📙	Other				S. FARM O	_	
	a Energy Co	moanv							Nav		Tribal A
3. ADDRESS OF OPE							<u> </u>				
		Farmington	, New 1	Mexic	o 8749	19				-26	OL, OR WILDCAT
4. LOCATION OF WE	LL (Report location	on clearly and in	accordance	with an	y State requi	irement	ta)*			eth	
At surface 796	O' FNL & 18	890' FWT.	人	IEI	VW				11. SEC., 1	r., R., M.,	OR BLOCK AND SURVEY
	terval reported be		·						OR AR	EA	
At total depth		SAME							26	T.41	S - R.24E
	SAME		14. PE	RMIT NO.			ISSUED	*	12. COUNT PARISI		13. STATE
		EACHED 17. DAT	130	373			6-83		Sar	n Jua	
15. DATE SPUDDED 11-27-85	16. DATE T.D. R				o prod.) 18				T, GR, ETC.)	• 19.	ELEV. CASINGHEAD
20. TOTAL DEPTH, MD	1	G, BACK T.D., MD &	& A 1-1		TIPLE COMPL		769 K.I		ROTARY T		4758 CABLE TOOLS
5690'		N/A		HOW M	ANY*	•		LED BY	0-56		O CABCE TOOLS
24. PRODUCING INTE	RVAL(S), OF THIS	•	P, BOTTOM,	NAME (dD AND TVD)	*		->	0-30		25. WAS DIRECTIONAL
											SURVEY MADE
	-28-86										Yes
26. TYPE ELECTRIC										27. V	WAS WELL CORED
	IL, GR, SE	SED, CCI									No
28.	WEIGHT, LB./				ort all string	s set in		ENTING	n Tools		· · · · · · · · · · · · · · · · · · ·
13' 3/8"	54.50	75			7' 1/2"	-					AMOUNT PULLED
8' 5/8"	24.0	1526		-	7 1/2 2' 1/4"		See at				None None
5' 1/2"	15.50	5686			7' 7/8"	_	See at				None
					•	-					
29.		LINER RECORD					30.	7	UBING RE	CORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CE	MENT*	SCREEN (M	(D)	SIZE	1	EPTH SET	(MD)	PACKER SET (MD)
N/A						.	N/ <i>I</i>	_			
31. PERFORATION REC	CORD (Interval, size	ze and number)			32.	A CI	D SHOT	EDACT	IDE CEME	NE COL	JEEZE, ETC.
EE001 001	0 251	0 -b-1-75			DEPTH IN						MATERIAL USED
5589'-98' 5556'-66'		2 shots/ft 2 shots/ft			5534						HCL Acid
5545 '- 48'		2 shots/ft 2 shots/ft					<u> </u>	<u> </u>	oo gar.		TRIL TRIU
5534'-38'		2 shots/ft.									
					1						
33.* DATE FIRST PRODUCT	ION PRODI	CTION METHOD (1	Classina aa		OUCTION	and to	ine of mum				B (Producing or
12-14-85		wab	y, yu	∪ veyvy pl	py 8126	u •y	реој рип	· P)	8	hut-in)	_
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N	. FOR	OIL-BBL.		GAS-MC	F.	VATER-B	& A	1-28-86
1-27-86	8	N/A	TEST I	ERIOD	2.6		ו	3	51		500
FLOW. TUBING PRESS.	CASING PRESSUR		OIL-B	BI	GAS-	MCF.		WATER-	<u>. </u>	OIL C	GRAVITY-API (CORR.)
N/A	N/A		້ 8	}	4			152			41
34. DISPOSITION OF G	AB (Sold, used for	fuel, vented, etc.)							TEST WITN	ESSED P	IY N
N/A	A S N m a		·		·				Joe	Ball	cus D
35. LIST OF ATTACH											$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt$
Cement Dat 36. I hereby certify		g and attached in	formation	is comp	lete and corr	ect as	determina	d from	ll gveilehla	Perond.	<u> </u>
	11 (0)	/ 0						W TIOH	availaule		
SIGNED	offin Arlexan	anex-	TIT	LE	Vice-Pro	<u>esid</u>	ent		DA'	ге <u></u> 2	2-03-86
— () °		Instructions		. (a - A	الددم نعالمام		P	C. I	`		

KERS		PTH VERT. DEPTH			
GEOLOGIC MARKERS	-	MEAS, DEPTH	2546' 2766' 4480' 5321' 5470' 5690'		
38. GEOL	NAME		Dechelly Organ Rock Hermosa Upper Ismay Lower Ismay Gothic Shale Desert Creek T.D.		
ssures, and					
and contents mercy, cool open, flowing and shut-in pressures, and	description, contents, etc.				
ow all important zerval tested, cush	BOTTOM				
JUS ZONES: (Suc Juding depth inte	TOP				
37. SUMMARY OF POROUS ZONES: (Snow an important zones of potenty drill-stem, tests, including depth interval tested, cushion used, time recoveries):	FORMATION				

Chuska Energy Company Navajo Tribal "A" #21-26 NE/NW 26 T.41S - R.24E San Juan County, Utah

CEMENT DATA

13 3/8" casing @ 75'

130 cu. ft. Class "B" with 3% ${\rm CaCl}_2$ and 1/2 lb. D-29/Sk Cement returned to surface.

8 5/8" casing @ 1526'

850 cu. ft. 65-35 poz mix with 6% gel and 1/2 lb. D-29/Sk followed by 354 cu. ft. Class "B", 2% $CaCl_2$ with 1/2 lb. D-29/Sk. Cement returned to surface.

5 1/2" casing @ 5686'

Stage 1-3; 347 cu. ft. Class "H" 10 lb. Cal-Seal/Sk, 10% salt, 0.6% Hal AD-9. Cement top at 4500' by bond log.

Stage tool at 2824'.

Stage 2 - 850 cu. ft. Halliburton Light with 1/4 lb. Flocele/Sk followed by 59 cu. ft. Class "B" with 1/4 lb. Flocele/Sk.

Cement top at 1050' by bond log.

1997 (State Control of			Form approved \$5. FL PLD
<i>ં</i> ભૄ	v.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Form approved. Budget Bureau No. 1004-0135
Form 3160-5	UNITED STATES	BUBMIT IN TRIPLICATES	Expires August 31, 1985
(November 1983) (Formerly 9-331) DEPART	MENT OF THE INTERI	OR verse side)	5. LEASE DESIGNATION AND SERIAL MO.
BURE	AU OF LAND MANAGEMEN"		NOG 8505-1087 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
CHAIDDA MO	TICES AND REPORTS	ON WELLS	G. IF IRDIAN, ADDITION OF TAINE
SUNDRY NO	cation for PERMIT—" for such p	pack to a different reservoir.	Navajo
Use "APPLI	CATION FOR PERMIT—" for such p	roposius.)	7. UNIT AGREEMENT NAME
1.			
WELL WELL OTHER			8. PARM OR LEASE NAME
2. HAME OF OPERATOR Chuska Energy Con	manv	•	Navajo Tribal A
3. ADDRESS OF OPERATOR			9. WBLL NO.
. D O BOY 2118 F	Farmington, New Mexico	87499	21-26
Report location	clearly and in accordance with any	State requirements.	Aneth
See also space 17 below.)			11. EBC., T., B., M., OR BLK, AND
790' FNL & 1890'	FWL		SURVEY OR AREA
		.	26 T.42S - R.24E
	15. BLEVATIONS (Show whether D	F, RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
14. PERMIT NO.	4757'		San Juan Utah
130373/172		Notice Report or	Other Data
16. Check	Appropriate Box To Indicate	Adding of House, Report, or	UBNT REPORT OF:
NOTICE OF IN	TENTION TO:		–
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL ALTERING CASING
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ABANDONMENT*
SHOOT OR ACIDIZE	ABANDON*	(Other)	
REPAIR WELL	CHANGE PLANS	Alama . Danast sesult	s of multiple completion on Well pletion Report and Log form.)
(Other)	OPERATIONS (Clearly state all pertine		
nroposed Work. II well in di-	ectionally drilled, give subsurface lo	ations and measured and true verti-	s, including estimated date of starting any cal depths for all markers and sones perti-
nent to this work.)			•
		11 through 5 1/2"	casing as follows:
Operator inte	ends to plug and abando	on well through 5 1/2	casing as lollows.
	etainer above Desert C	reek perfs. at 5500'.	spot 7 cu. ft. Class
Set cement re	ove retainer. Spot C	lass "B" plugs as foll	.ows:
5264'-5364'	Upper Ismay	14 cu. ft. 14 cu. ft.	
2502'-2602'	DeChelly	14 cu. ft.	
1470'-1570'	Surface casing Surface plug	7 cu. ft.	
ø'-50'	Surface prug	, ca. 201	
Place dry ho	le marker.		
Flace dry no.			
		ACCEPT	ED BY THE STATE
		OF UI	AH DIVISION OF
		. / / -	AS, AND MINING
• 14. The second of the second		DATE:/_2	7/86
1		BY: Sher	K. Loter
1	ME As true and correct		
18. I hereby certify that the forego		Vice-President	DATE 2-03-86
BIGNED Tohn Alex	ander TITLE		VALUE
(This space for Federal or Sta	te office use)		
	TITLE _		DATE
APPROVED BY			

	ACTION	
NAME	CODE(S)	INTL
NORM		19
TAMI		
VICKY	0	
CLAUDIA	1-STUST CHE	9 1
STEPHANE		7
CHARLES		10
RULA	2	Km
MARY ALICE		
CONNIE		
MILLIE		
PAM	FILE	
undA'd s	uired Action Co	

4. Bonding Verification (5.) Other (See Norm)

EITHER 77415 IE A FOLLOW UP, OR

THE WELL WAS PSA WITHOUT

APPROVAL LOOKS like!

Filming Posting

c. Lists

a. Card Index b. File Label

* * * * * * * * * * * * * * * * * * *					reau No. 1004-0135
₹orm 3160-5 November 1983)	UNI STA	FES 80	Aban Annennahlana k	re Expires Au	igust 31, 1985
Formerly 9-331)	DEPARTMENT OF TH		se side)	l.	505-1087
	BUREAU OF LAND MA		T. I. C.	1	OTTEE OR TRIBE NAME
SUN	DRY NOTICES AND RE	EPORIS ON W	ELLS different reservoir> r	Marine III	
(Do not use this	form for proposals to drill or to de Use "APPLICATION FOR PERMIT	_ for suce are noted		Navajo	
2			Jee V C.	7. UNIT AGREEME	NT NAME
WELL XX WELL	OTHER		- 0 0 1000	8. FARM OR LEAS	E NAME
2. NAME OF OPERATOR	areas Company		B 06 1986	Navajo	Tribal A
Chuska En	ergy Company		WICION OF	9. WELL NO.	
		w Mexico 087	IVISION OF	21-26	<u> </u>
A TOCATION OF WELL (F	teport location clearly and in accord	ance with any State re-	ulrements.	10. FIELD AND PO	OL, OR WILDCAT
At surface				Aneth	OR BLK. AND
790' FNL	& 1890! FWL			SURVEY OF	ARMA
				26-Т.4	2S -R.24E
14. PERMIT NO.	15. ELEVATIONS (S	Show whether DF, RT, GR,	etc.)	12. COUNTY OR I	PARISH 18. STATE
	4757'			San Ju	an Utah
16.	Check Appropriate Box T	o Indicate Nature	of Notice, Report, o	or Other Data	
	NOTICE OF INTENTION TO:	. 1		SEQUENT REPORT OF:	
	[]		WATER SHUT-OFF	REPAI	RING WELL
TEST WATER SHUT-0	PULL OR ALTER CASI MULTIPLE COMPLETE		PRACTURE TREATMENT	XX	RING CASING
FRACTURE TREAT SHOOT OR ACIDIZE	ABANDON*		SHOOTING OR ACIDIZING	ABAN	OONMENT*
REPAIR WELL	CHANGE PLANS		(Other)	sults of multiple comp	letton on Well
(Other)			Completion or Rec	ompletion Report and	Log torm.)
17. DESCRIBE PROPOSED 0 proposed work. I nent to this work.)	R COMPLETED OPERATIONS (Clearly st f well is directionally drilled, give	ate all pertinent detail subsurface locations an	s, and give pertinent do I measured and true ve	ates, including estimatertical depths for all r	ed date of starting any narkers and zones perti-
cement to 5584'-56 Tested i with 325 with 2 s	ed out stage tool at 2 op at 4500', upper sta 06' with 2 shots/ft. nterval at 5 b.o.p.d. cu. ft. Class "B" centrots per ft. 5589'-98 s with 2,200 gal. 28% p.d. Plugged and abo	age top at 105 Acidized Dese and 91 b.w.p. ment. Drilled '; 5556'-66'; HCL Acid. Sv	O'. Perforate ort Creek with d. Squeezed p lout cement an 5545'-48'; 553 wab test Deser	4,000 gal. 28 perforations 5 nd perforate I 34'-38'. Acid t Creek at 8 I	ek zone 8% HCL Acid. 5584'-5606' Desert Creek lized per-
				÷	
		•			
				•	
18. I hereby certify the	it the foregoing if true and correct	TITLE Vice-P	resident	ys. A Pitters	2-03-86
signedlohr	Alexander	TITLE VICE I		DATE _	
(This space for Fe	deral or State office use)				
V		TITLE		DATE	
APPROVED BY CONDITIONS OF .	APPROVAL, IF ANY:				

EXFRESS M	AIL ROUTING SLIP
PAM TAMI VICKY CLAUDIA STEPHANE CHARLES RULA MARY ALICE CONNIE MILLIE	2.7 4:25 0)-10 8:30 9:30 VC 11:50 2-10 0 CAN 2-10 12:56 MAP 2-10 1:26 CO 2-11 131 2-7 4:30